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THE ROLE OF FOREIGN MEDICAL GRADUATES IN GRADUATE MEDICAL EDUCATION PROGRAMS, 1975-1979

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THE ROLE OF FOREIGN MEDICAL GRADUATES IN U.S. GRADUATE MEDICAL EDUCATION PROGRAMS, 1975 - 1979

EXECUTIVE SUMMARY

In 1979, foreign medical graduates (FMGs) represented 16.4 percent of all residents in graduate medical education programs. The proportion of FMGs in graduate medical education programs has been declining since 1975 when FMGs accounted for 25.9 percent of all medical residents.

Specialty Patterns

In 1979, the following five specialties had greater than 25 percent of their residency positions filled by FMGs:

- Physical Medicine and Rehabilitation (49.4 percent of total residents were FMGs).
- Therapeutic Radiology (43.6 percent).
- Anesthesiology (35.7 percent).
- Child Psychiatry (33.1 percent).
- Pathology (27.1 percent).

In 1978 and 1977 the above specialties had the largest proportion of FMGs, also. In 1976, however, radiology and in 1975, thoracic surgery, replaced child psychiatry in the top five specialties with the highest concentration of FMGs.

State Patterns

In 1979, the following states in the Middle Atlantic, East North Central and South Atlantic census divisions had high proportions of FMGs in hospital residency positions:

1. Middle Atlantic
   - New Jersey (54.5 percent of the residents were FMGs).
   - New York (35.4 percent).

2. East North Central

- Illinois (28.9 percent).
- Michigan (25.0 percent).
- Ohio (22.3 percent).

3. South Atlantic

- Maryland (25.3 percent).

In addition, although there were only 35 FMGs in Delaware, they represented 30.4 percent of the total residents in that state. These seven states had greater than 20 percent of their residency positions filled by FMGs. Furthermore, these states (excluding Delaware), contained 60 percent of all FMG residents and 31 percent of the total residency positions in the U.S. These seven states also had the highest proportions of FMGs in their residency positions during 1978, and with West Virginia they had the highest proportions of FMGs in 1975, 1976 and 1977.

Major Metropolitan Areas

Several of the large metropolitan areas, especially in the Northeast and North Central regions, showed high proportions of FMGs in residency positions. FMGs filled substantial proportions of the total number of residency positions in the following metropolitan areas:

- Newark (47.5 percent were FMGs).
- New York City (40.6 percent).
- Detroit (37.5 percent).
- Chicago (30.9 percent).
- Cleveland (28.7 percent).
- Baltimore (26.8 percent).
- Pittsburgh (24.1 percent).

Hospital Control

The highest proportions of FMGs in residency positions were located in hospitals operated by:

- Cities (33.5 percent of the residents were FMGs).
- Non-profit Churches (27.8 percent).
- Federal, other than Veterans' Administration (32.1 percent).

The lowest representation of FMGs occurred in city-county operated and military hospitals (2.9 percent and 2.2 percent, respectively).

Hospital Service

FMGs filled only sixteen percent of the residency positions in general medical and surgical hospitals, while they filled more than 34 percent of the residency positions in psychiatric hospitals. This is consistent with all other years studied, where psychiatric hospitals had the highest percentage of residency positions filled by FMGs.

Number of Beds

There was little variation in the distribution of FMGs with respect to hospital size. That is, the number of hospital beds does not appear to influence the number of FMGs in their residency programs. The data from all other years of study exhibit these same trends.

Length of Stay

Long-term hospitals had larger percentages of FMGs in their residency positions than did short-term hospitals (21.9 percent and 16.4 percent, respectively).

Age Characteristics

FMGs in residency programs in 1979 were older, on average, than United States medical graduates (USMGs) in each study period. A majority of FMGs in residency programs were in the 30-34 age group, whereas USMGs were largely in the 25-29 year old age group.

Discussion

Over the period 1975 to 1979 the distribution of FMGs in residency positions showed considerable variation. There is substantial geographic variation of FMGs with high concentrations in the Northeast and North

Central parts of the country, especially in large metropolitan areas.

There is considerable variation in the role of FMGs in specialty programs as well; in ten out of twenty-three specialties with greater than ten FMGs, more than 20 percent of the total residency positions were filled by FMGs.

Church-operated and city hospitals also depend on FMGs to a high degree, relative to other not-for-profit hospitals. Psychiatric hospitals rely on FMGs for more than 34 percent of their residency positions, representing twice the proportion in any other type of hospital service.

Overall, two important observations can be made with respect to these data:

1. The proportion of FMGs in residency programs declined substantially from 1975 to 1979.

2. The distribution of FMGs across any particular category was stable from 1975 to 1979, although the earlier years exhibited higher proportions due to the greater absolute number of FMGs previously filling GME positions.

The distribution of FMGs in residency positions by specialty illustrates these two points. The percentage of FMGs declined considerably in each specialty category during the study period. In addition, the five specialties with the highest proportions of FMGs were virtually the same from 1975 to 1979. This pattern is consistent for those specialties with low percentages of FMGs in each year, as well. The consistency of data was noted in the distribution of FMGs and their relationship to:

- major metropolitan areas;
- specialties;
- hospital control;
- hospital service;
- number of hospital beds; and
- length of stay hospital classification.

THE ROLE OF FOREIGN MEDICAL GRADUATES IN GRADUATE MEDICAL EDUCATION PROGRAMS 1975-1979

INTRODUCTION

Since 1975, there has been a steady decline in the number of foreign medical graduates entering this country to complete their graduate medical education (GME). In large part, the reduced supply of FMGs is the result of several provisions of the Health Professions Educational Assistance Act of 1976 (PL 94-484). Title VI of PL 94-484, "Limitation on Immigration of Foreign Medical Graduates," as amended by the Health Services Extension Act of 1977 (PL 95-83), and adopted by the Immigration and Nationality Act, requires that FMGs wishing to emigrate to the United States for GME shall have passed the Visa Qualifying Examination (VQE), which DHHS has designated as equivalent to Parts I and II of the NBME examination and meet other special requirements. Several requirements may be waived through December 31, 1980 if it is demonstrated that a "substantial disruption" of medical services delivered in a particular hospital program would result. Current legislative proposals seek to extend the waiver authority three to five years beyond the 1980 deadline.

The Center for Health Services Research and Development of the American Medical Association, in cooperation with the Bureau of Health Professions, undertook analysis of residents for the years 1975 to 1979 in order to provide detailed information on the current role of foreign medical graduates (FMGs) in graduate medical education (GME) programs. These analyses will provide information to aid in the determination of areas in which a disruption of medical services might occur.*

DATA BASE

The analysis utilized a basic data set containing information for each hospital and for each of the graduate medical education programs offered.

* Goodman, L.J., and Wunderman, L.E., *Foreign Medical Graduates and Graduate Medical Education: A Before/After Study of PL 94-484, 1975-1979*. Center for Health Services Research and Development, American Medical Association, Chicago, September, 1980.

Demographic as well as graduate medical education information on each resident were obtained from the American Medical Association's Physician Masterfile for all five years.

The Physician Masterfile contains information on U.S. Medical graduates (USMGs), Canadian Medical Graduates (CMGs), U.S. citizen foreign medical graduates (USFMGs) and non-citizen FMGs. In this report, FMG refers to noncitizen foreign medical graduates. Information on the type of visa held by FMGs was obtained also. Data on hospital characteristics were obtained from the American Hospital Association.

In January of 1978, a 1976-1977 report* on the role of foreign medical graduates in residency positions was completed. That report was based on a sample survey and obtained medical resident data from program directors. The current report contains data from the AMA Physician Masterfile on every resident in the U.S. for each of the years 1975 through 1979. That is, all medical residents in the U.S. were analyzed, rather than only those who responded to the survey. Results based on Physician Masterfile data are not directly comparable to sample survey results. Analysis shows that the relative distribution of residents in the Physician Masterfile does not differ significantly from the distribution in the sample survey.

SUMMARY OF FINDINGS

In 1979, there were 64,294 residents in U.S. graduate medical education programs, of which 10,526 (16.4 percent) were foreign medical graduates. In addition, there were 2,560 USFMGs and 364 CMGs. With the exception of anesthesiology and orthopedic surgery, the specialty distribution of FMG residents parallels the USMG distribution in that the largest number of residents are in

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*_The Role of Foreign Medical Graduates in U.S. Graduate Medical Education Programs, 1976 and 1977_. Center for Health Services Research and Development, American Medical Association, Chicago, January 1978.

general surgery, pediatrics, internal medicine, obstetrics/gynecology, psychiatry, and pathology. Furthermore, the states of New York, Illinois New Jersey and Michigan and their corresponding major metropolitan areas, New York City, Newark, Detroit and Chicago, contained the highest proportions of FMGs.

Canadian medical graduates accounted for less than one percent of residents in 1979. The largest number of CMGs were in general practice, anesthesiology, general surgery, internal medicine, psychiatry, pediatrics, and pathology. CMGs were concentrated in California, followed by Massachussetts, New York, and Ohio. Unlike FMGs, Canadian medical graduates were in Boston and Los Angeles GME programs, followed by New York City, Detroit and Cleveland.

The 2,560 U.S. foreign medical graduates in 1979 represented 4.0 percent of total residents. Like USMG's and FMGs, USFMGs chose GME programs in internal medicine, general practice, general surgery, obstetrics/gynecology, psychiatry and pediatrics. The largest numbers of USFMG residents were in New York GME programs. Furthermore, New Jersey, California, Puerto Rico and Pennsylvania had relatively high concentrations of USFMGs, but substantially less than in New York. Accordingly, the largest numbers of USFMGs were in the metropolitan areas of New York City, followed by Newark, Chicago, Philadelphia and Los Angeles.

The next section presents a detailed analysis with corresponding tables. In most cases, categories with less than 20 residents are excluded from the discussion.

ANALYSIS AND FINDINGS

Distribution of Residents by Specialty

In 1979, graduate medical education programs in 11 specialties had representation by foreign medical graduate residents at the 20 percent level or

greater. However, only four programs had 30 percent or more FMG residents. A large number of FMGs were in general surgery, pediatrics and internal medicine programs, although their proportional respresentation in these specialties was relatively minor. Nevertheless, these specialties accounted for 48 percent of FMG residents in 1979, closely paralleling the specialty distribution of USMGs.

In 1975, 17 specialty programs had 20 percent or more FMG residents. Large numbers of FMG residents were concentrated in general surgery, internal medicine, obstetrics/gynecology, psychiatry, pediatrics and pathology. Relative to USMGs, FMGs were substantially underrepresented in dermatology, ophthalmology and orthopedic surgery. In 1975, a majority of residents were in anesthesiology, physical medicine and rehabilitation, pathology and therapeutic radiology.

Over the period 1975-1979, there has been a substantial decline in the proportional representation of FMGs among the specialties. Percent changes in the number of FMG residents ranged from an increase of 157.4 percent in diagnostic radiology to a decline of 55.9 percent in pathology. However, only diagnostic radiology and child psychiatry (16.7 percent) registered increases during the study period. The sharp decline in FMG residents from 1975 to 1979 has been especially evident among exchange visitor FMGs (EVFMGs) with declines from 2.4 percent in plastic surgery to 87.5 percent in general practice. While the number of FMGs in diagnostic radiology programs increased 157.4 percent, the EVFMGs in these programs declined 20.3 percent over the same period. Thus, the increase in FMGs in diagnostic radiology programs is made up primarily of non-EVFMGs.

Distribution of Residents by Census Divisions

In 1979, the distribution of residents by census division (See Appendix A for definition) shows that greater than 20 percent of the residency positions in the Middle Atlantic and the East North Central census divisions were held by FMGs. In other words, hospitals on the East Coast and Midwest had the largest concentrations of FMGs in residency programs. The highest percentage of FMGs were in the Middle Atlantic census division (32.7 percent). The percentage distribution of the census divisions with few FMGs (less than 200) fluctuated from a high of 15.9 percent in the U.S. Possessions (Canal Zone, Puerto Rico, Virgin Islands and Pacific Islands) to a low of 3.7 percent in the Mountain division.

In 1975, greater than 20 percent of the medical residents were located in the New England, Middle Atlantic, East North Central, and the South Atlantic census divisions. The concentration of FMGs ranged from a high of 44.2 percent in the Middle Atlantic census division to a low of 3.9 percent in the Pacific division.

Between 1975 and 1979, the New England division had the greatest decline in FMGs (43.5 percent). Moreover, all census divisions experienced a decline in the number of resident FMGs except for the Pacific census division, which increased its proportion of FMGs by 17.0 percent.

Distribution of Residents by State

In 1979, the concentration of foreign medical graduates in graduate medical education programs was greater than 20 percent in Delaware, Illinois, Maryland, Michigan, New Jersey, New York and Ohio. Moreover, these states accounted for 61 percent of all FMGs. (However, there were only 35 FMG residents in Delaware). Less than one percent of the residents were FMGs in five states (Idaho, Maine, New Hampshire and Wyoming). However, these these states (which had the lowest concentrations of FMGs) had fewer than

two FMG residents in their GME programs. The number of FMGs with J-Visas in 1979 by state varied from a high in New York to zero representation in Idaho, Maine, New Hampshire, North Dakota, South Dakota, Utah, Wyoming, and the Canal Zone.

In 1975, more than 35 percent of the residents in eight states were foreign nationals. These states included Delaware, Illinois, Maryland, Michigan, New York, New Jersey, Ohio and West Virginia. The largest numbers of FMGs were in Illinois, Maryland, New Jersey, Michigan, New York, Ohio, and Pennsylvania. Furthermore, those states contained 73 percent of all FMG residents in 1975. Approximately one-half of the FMGs in 1975 had a J-Visa, although the number of EVFMGs varied among the states.

Over the period 1975-1979, there has been a substantial decline in the proportional representation of FMGs in the states. Changes in the number of FMG residents ranged from an increase of 39.7 percent in California to a decline of 58.7 percent in Rhode Island. However, Alabama, California, Colorado, North and South Dakota, Kansas, South Carolina, New Mexico, and Vermont registered increases in FMGs during this time period.

Residents by Major Metropolitan Area

In 1979, the distribution of residents by major metropolitan area shows that the highest concentration of FMGs were on the East Coast. Low concentrations of FMGs were in Denver, Minneapolis-St. Paul, and the West Coast. Specifically, 47.5 percent of the medical residents in Newark were FMGs whereas only 2.6 percent were FMGs in San Francisco. Furthermore, Baltimore, Chicago, Cleveland, Detroit, Newark and New York City had greater than 25 percent of their residency positions filled by FMGs. Conversely Los Angeles, Denver, Minneapolis-St. Paul and San Francisco had less than 7 percent representation. The percentage of EVFMGs ranged from a high of 30.8 percent in Boston to a low of 12.8 percent in Chicago.

In 1975, Newark had the highest concentration of FMGs (61.4 percent) and Denver, Minneapolis-St. Paul, Los Angeles and San Francisco had the lowest concentrations of FMGs. These same metropolitan areas had the highest and lowest concentrations of FMGs in 1979. Specifically, Baltimore, Chicago, Cleveland, Detroit, Newark and New York City had greater than 40 percent of their residency positions filled by FMGs. The highest percentage of EVFMGs in 1975 was in Minneapolis-St. Paul (61.0 percent) and the lowest in Chicago (42.9 percent).

Between 1975 and 1979 most major metropolitan areas (with the exception of the West Coast cities and Denver) had at least a 25 percent decline in FMGs and at least a 64 percent decline in EVFMGs. Many of these areas went from 50 percent representation of EVFMGs in 1975 down to about 20 percent in 1979.

Residents by Hospital Control

In 1979 the largest concentrations of FMGs were in hospitals run by not-for-profit churches, cities, and federal, other than Veterans Administration (city hospitals had 33.5 percent FMG representation, churches, 27.8 percent and federal, other than VA had 32.1 percent). In contrast, the lowest FMG concentrations were in hospitals run by the military (Air Force, 1.3 percent, Army, 1.8 percent and Navy, 3.1 percent). Few hospital control categories had greater than 10 EVFMGs, however, out of the more representative categories, the largest percentage of EVFMGs were in city controlled hospitals, closely followed by hospital district hospitals.

In 1975, high concentrations of FMGs were in hospitals operated by non-profit churches, cities, investor-owned corporations and the Veteran's Administration. Low FMG concentrations were in hospitals operated by the

government such as, non-federal city/county, state and hospital district run hospitals. The largest number of EVFMGs were in non-profit hospital settings in 1975.

Between 1975 and 1979, FMGs declined 96.9 percent in City/County hospitals, 61.6 percent in hospitals operated by the Veteran's Administration, 46.8 percent in city hospitals, 36.8 percent in the for profit investor owned corporations and 35.3 percent in other non-profit institutions. Furthermore, large declines have been noted in the distribution of EVFMGs from 1975 to 1979. The number of EVFMGs fell in all hospital control categories from 1975 to 1979, except for hospital programs with less than 2 EVFMG's in 1975. The largest decline in EVFMGs was 100.0 percent in City/County hospitals, while the smallest decline was 60.0 percent in Public Health Service hospitals.

Residents by Hospital Service

In 1979, 88 percent of all FMGs were in a general hospital setting. The highest concentrations of FMGs were in psychiatric hospitals (34.8 percent) and the lowest percentage were in children's hospitals (9.4 percent). On the other hand, psychiatric hospitals had the lowest percentage of EVFMGs (9.7 percent).

In 1975 and in 1979, FMG residents were primarily in a general hospital setting. However, psychiatric hospitals had the largest percentage of FMGs (58.9 percent) and children's hospitals had the lowest percentage of FMGs (18.8 percent). From 1975 to 1979, the total number of FMGs and EVFMGs in each hospital service category declined.

Residents by Number of Hospital Beds

In 1979, residents were uniformly distributed by hospital size. The

highest concentration of FMGs were in the 500-599 bed hospitals (18.4 percent) and the lowest concentrations occurred in the 50-99 bed hospitals (12.8 percent). The distribution of EVFMGs fluctuated from a high of 23.0 percent in the large hospitals (greater than 700 beds) to 15.1 percent in 200-299 bed hospitals.

The distribution of FMGs in 1975, by the number of hospital beds is parallel to the 1979 distribution, in that FMGs are uniformly represented in all size hospitals. However, slightly lower concentrations were noted in smaller hospitals (less than 100 beds). Conversely, the percentage of EVFMGs was highest in smaller hospitals (less than 100 beds).

Between 1975 and 1979, hospitals of all sizes (except 0-49 and 50-99 beds) experienced a decline in the number of FMGs in their residency programs. The highest percentage drop in FMGs (44.1 percent) occurred in the 200-299 bed hospitals.

Length of Stay Classification

In 1979, FMGs filled 16.4 percent of all residency positions in short-term hospitals and 21.9 percent of the positions in long term hospitals. In contrast, short-terms hospitals had higher percentages of EVFMGs (19.1 percent), as compared with only 12.8 percent in long-term hospitals,

In 1975, FMGs held 25.4 percent of all residency positions in short-terms hospitals and 38.3 percent of all positions in long-term hospitals. Nearly 50 percent of the FMGs in short-term hospitals and 40 percent of the FMGs in long-term hospitals had J visas.

From 1975 to 1979, there were large declines in the number and concentrations of FMGs in short-and long-term programs. Specifically, the number of FMGs dropped 35 percent in short-term programs and 42 percent

in long-term programs. Moreover, FMGs with J visas declined 75 percent in short-term hospital programs and 81 percent in long-term programs over the study period.

Residents by Age

Foreign medical graduates in residency programs are generally older than their U.S. medical graduate counterparts. The distribution of residents by age in 1979 shows that a majority (69 percent) of all FMG residents were between the age of 30 and 44 years. Furthermore, of all residents aged 40-44 years old, 53.4 percent were FMGs whereas only 7.5 percent were in the 25-29 years old age group. The highest concentration of EVFMGs was 22.8 percent in the 30-34 year age group while the lowest was 7.1 percent in the less than 24 year age group.

In 1975, the distribution of residents by age shows that a majority of all FMG residents were between the age of 25 and 44 years, with the largest number in the 30-34 age group. On the other hand, the largest number of USMGs were in the 25-29 year age group. The largest numbers of EVFMGs were in the 30-34 age range, closely followed by the 25-29 year age group.

Between 1975 and 1979, the number and percent of EVFMGs declined in all age groups. The less than 24 year old group experienced the highest decline in FMGs (82.3 percent) and in EVFMGs (96.7 percent). The age distribution of FMGs shows that approximately the same number of FMGs were in the 25-29 age group (39 percent) and 30-34 age group (40 percent) in 1975. However, by 1979 a much lower number of FMGs were in the 25-29 age group (2,861 FMG's) and a much higher percentage were in the 30-34 year old group (4,834 FMG's). The change in the age distribution of

FMGs, tending towards older ages in 1979, is largely the result of FMGs entering U.S. residency programs at older ages in 1979 than in 1975.

Table 1A

DISTRIBUTION OF RESIDENTS BY SPECIALTY AND COUNTRY OF GRADUATION/VISA STATUS

1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMGs of Total	FMGs with J Visa	%FMGs with J Visa
Total	64,294	50,844	364	2,560	10,526	16.4	1,962	18.6
Aerospace Medicine	29	26	1	2	0	0.0	0	0.0
Anesthesiology	1,725	1,033	17	60	615	35.7	86	14.0
Child Psychiatry	317	195	6	11	105	33.1	32	30.5
Colon & Rectal Surg.	28	21	0	1	6	21.4	5	83.3
Dermatology	678	630	9	11	28	4.1	7	25.0
Diagnostic Radiology	1,444	1,151	7	44	242	16.8	39	16.1
Forensic Pathology	5	5	0	0	0	0.0	0	0.0
General Practice	5,979	5,363	26	254	336	5.6	14	4.2
Gen. Preventive Med.	69	58	2	1	3	11.6	2	25.0
General Surgery	7,501	5,812	23	300	1,366	18.2	361	26.4
Internal Medicine	18,429	15,095	94	691	2,549	13.8	431	16.9
Neurology	1,035	815	9	27	184	17.8	57	31.0
Neurological Surg.	431	364	3	12	102	21.2	56	54.9
Obstetrics-Gynecology	4,225	3,296	11	276	642	15.2	119	18.5
Occupational Medicine	20	14	1	1	4	20.0	1	25.0
Opthalmology	1,490	1,362	9	46	73	4.9	13	17.8
Orthopedic Surgery	2,125	1,845	6	100	174	8.2	44	25.3
Otorhinolaryngology	783	629	7	39	113	14.3	33	29.2
Psychiatry	3,489	2,467	23	176	823	23.6	89	10.8
Pediatrics	5,469	4,107	23	174	1,160	21.2	164	14.1
Pidiatric Allergy	28	20	0	1	7	25.0	1	14.3
Pediatric Cardiology	54	47	0	0	7	13.0	2	28.6
Public Health	25	20	0	0	5	20.0	0	0.0
Physical Med. & Rahab.	328	138	2	26	162	49.4	18	11.1
Plastic Surgery	338	263	3	11	61	18.0	40	65.6
Pathology	2,226	1,559	16	48	603	27.1	139	23.1
Radiology	1,083	797	8	45	233	21.5	53	22.7
Therapeutic Radiology	211	113	3	3	92	43.6	16	17.4
Thoracic Surgery	237	175	2	1	59	24.9	40	67.8
Urological Surgery	845	593	6	72	174	20.6	59	33.9
Unspecified	3,593	2,831	42	127	593	16.5	41	6.9

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 18

DISTRIBUTION OF RESIDENTS BY SPECIALTY AND COUNTRY OF GRADUATION/VISA STATUS
1978

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
TOTAL	60,610	48,460	209	1,969	9,972	16.5	2,659	26.7
AEROSPACE MEDICINE	47	43	0	1	3	6.4	1	33.3
ANESTHESIOLOGY	1,645	899	13	47	686	41.7	145	21.1
CHILD PSYCHIATRY	227	138	2	6	81	35.7	32	39.5
COLON & RECTAL SURG.	24	17	0	1	6	25.0	6	100.0
DERMATOLOGY	612	567	11	8	26	4.2	12	46.2
DIAGNOSTIC RADIOLOGY	860	684	6	18	152	17.7	46	30.3
FORENSIC PATHOLOGY	7	3	0	1	3	42.9	3	100.0
GENERAL PRACTICE	5,804	5,110	11	189	494	8.5	58	11.7
GEN PREVENTIVE MED.	64	55	1	2	6	9.4	2	33.3
GENERAL SURVERY	7,319	5,532	19	226	1,542	21.1	598	38.8
INTERNAL MEDICINE	15,244	13,164	39	446	1,595	10.5	342	21.4
NEUROLOGY	991	765	10	20	196	19.8	95	48.5
NEUROLOGICAL SURG.	479	359	2	9	109	22.8	69	63.3
OBSTETRICS-GYNECOLOGY	3,888	3,106	6	179	597	15.4	167	28.0
OCCUPATIONAL MEDICINE	16	12	0	0	4	25.0	1	25.0
OPHTHALMOLOGY	1,387	1,294	1	32	60	4.3	12	20.0
ORTHOPEDIC SURGERY	2,042	1,779	9	76	178	8.7	61	34.3
OTORHINOLARYNGOLOGY	785	644	4	28	109	13.9	46	42.2
PSYCHIATRY	3,533	2,471	21	128	913	25.8	177	19.4
PEDIATRICS	4,827	3,871	5	130	821	17.0	180	21.9
PEDIATRIC ALLERGY	12	7	0	1	4	33.3	2	50.0
PEDIATRIC CARDIOLOGY	24	14	0	1	9	37.5	5	55.6
PUBLIC HEALTH	34	31	0	0	3	8.8	1	33.3
PHYSICAL MED. & REHAB.	275	97	1	16	161	58.5	29	18.0
PLASTIC SURGERY	335	268	2	9	56	16.7	37	66.1
PATHOLOGY	2,265	1,514	11	46	694	30.6	229	33.0
RADIOLOGY	1,422	999	8	45	370	26.0	96	25.9
THERAPEUTIC RADIOLOGY	199	97	1	2	99	49.7	22	22.2
THORACIC SURGERY	206	154	2	3	47	22.8	32	68.1
UROLOGICAL SURGERY	920	683	3	48	186	20.2	88	47.3
UNSPECIFIED	5,117	4,083	21	251	762	14.9	65	8.5

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980

Table 1C

DISTRIBUTION OF RESIDENTS BY SPECIALTY
AND COUNTRY OF GRADUATION/VISA STATUS
1977

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
TOTAL	62,505	49,119	240	1,752	11,394	18.2	4,302	37.8
AEROSPACE MEDICINE	46	40	0	3	3	6.5	2	66.7
ANESTHESIOLOGY	1,441	759	11	36	635	44.1	190	29.9
CHILD PSYCHIATRY	301	198	3	8	92	30.6	36	39.1
COLON & RECTAL SURG.	23	18	0	0	5	21.7	4	80.0
DERMATOLOGY	551	495	12	9	35	6.4	19	54.3
DIAGNOSTIC RADIOLOGY	641	496	7	13	125	19.5	46	36.8
FORENSIC PATHOLOGY	8	5	0	0	3	37.5	3	100.0
GENERAL PRACTICE	5,043	4,462	12	143	426	8.4	77	18.1
GEN. PREVENTIVE MED.	54	47	1	0	6	11.1	1	16.7
GENERAL SURGERY	7,489	5,616	17	187	1,669	22.3	801	48.0
INTERNAL MEDICINE	17,953	15,050	65	424	2,414	13.4	1,000	41.4
NEUROLOGY	950	708	9	20	213	22.4	122	57.3
NEUROLOGICAL SURG.	478	363	1	6	108	22.6	79	73.1
OBSTETRICS-GYNECOLOGY	3,729	2,860	13	144	712	19.1	281	35.5
OCCUPATIONAL MEDICINE	12	10	0	0	2	16.7	0	0.0
OPHTHALMOLOGY	1,388	1,282	4	32	70	5.0	27	38.6
ORTHOPEDIC SURGERY	1,862	1,626	10	56	170	9.1	83	48.8
OTORHINOLARYNGOLOGY	750	615	5	25	105	14.0	56	53.3
PSYCHIATRY	3,368	2,335	14	118	901	26.8	225	25.0
PEDIATRICS	5,113	3,965	17	110	1,021	20.0	388	38.0
PEDIATRIC ALLERGY	39	26	0	2	11	28.2	7	63.6
PEDIATRIC CARDIOLOGY	43	27	0	0	16	37.2	11	68.8
PUBLIC HEALTH	36	36	0	0	0	0.0	0	0.0
PHYSICIAL MED. & REHAB.	245	91	0	14	140	57.1	30	21.4
PLASTIC SURGERY	298	247	3	5	43	14.4	29	67.4
PATHOLOGY	2,248	1,388	9	36	815	36.3	354	43.4
RADIOLOGY	1,496	1,019	5	40	432	28.9	156	36.1
THERAPEUTIC RADIOLOGY	188	78	2	5	103	54.8	38	36.9
THORACIC SURGERY	219	160	2	2	55	25.1	46	83.6
UROLOGICAL SURGERY	900	651	3	41	205	22.8	115	56.1
UNSPECIFIED	5,593	4,446	15	273	859	15.4	76	8.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table ID

DISTRIBUTION OF RESIDENTS BY SPECIALTY AND COUNTRY OF GRADUATION/VISA STATUS

1976

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
TOTAL	63,046	46,043	369	1,783	14,851	23.6	6,433	43.3
AEROSPACE MEDICINE	18	16	0	1	1	5.6	0	0.0
ANESTHESIOLOGY	1,737	857	15	38	827	47.6	292	35.3
CHILD PSYCHIATRY	309	198	4	12	95	30.7	45	47.4
COLON & RECTAL SURG.	32	14	2	1	15	46.9	13	86.7
DERMATOLOGY	648	600	12	6	30	4.6	21	70.0
DIAGNOSTIC RADIOLOGY	555	444	4	9	98	17.7	46	46.9
FORENSIC PATHOLOGY	8	4	1	0	3	37.5	2	66.7
GENERAL FAMILY	4,398	3,711	15	148	514	11.7	117	22.8
GEN. PREVENTIVE MED.	73	68	2	1	2	2.7	0	0.0
GENERAL SURGERY	8,542	5,977	41	242	2,282	26.7	1,099	48.2
INTERNAL MEDICINE	18,282	14,314	104	502	3,362	18.4	1,617	48.1
NEUROLOGY	1,140	814	16	24	286	25.1	175	61.2
NEUROLOGICAL SURG.	535	395	3	5	132	24.7	96	72.7
OBSTETRICS-GYNECOLOGY	3,828	2,711	23	147	947	24.7	424	44.8
OCCUPATIONAL MEDICINE	8	7	0	0	1	12.5	0	0.0
OPHTHALMOLOGY	1,616	1,462	9	41	104	6.4	51	47.1
ORTHOPEDIC SURGERY	2,061	1,792	11	48	210	10.2	123	58.6
OTORHINOLARYNGOLOGY	843	694	4	22	123	14.6	71	57.7
PSYCHIATRY	3,959	2,486	21	149	1,303	32.9	366	28.1
PEDIATRICS	5,383	3,746	24	133	1,480	27.5	602	40.7
PEDIATRIC ALLERGY	73	55	1	0	17	23.3	9	52.9
PEDIATRIC CARDIOLOGY	58	37	1	0	20	34.5	12	60.0
PUBLIC HEALTH	32	28	0	0	4	12.5	1	25.0
PHYSICAL MED. & REHAB.	298	92	2	16	188	63.1	51	27.1
PLASTIC SURGERY	340	260	5	5	70	20.6	52	74.3
PATHOLOGY	2,559	1,418	13	44	1,084	42.4	473	43.6
RADIOLOGY	1,822	1,143	11	42	626	34.4	269	43.0
THERAPEUTIC RADIOLOGY	210	92	2	4	112	53.3	52	46.4
THORACIC SURGERY	276	180	1	4	91	33.0	80	87.9
UROLOGICAL SURGERY	1,006	725	7	35	239	23.8	147	61.5
UNSPECIFIED	2,407	1,703	15	104	585	24.3	127	21.7

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 1E

DISTRIBUTION OF RESIDENTS BY SPECIALTY AND COUNTRY OF GRADUATION/VISA STATUS

1975

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
TOTAL	57,802	41,027	315	1,466	14,994	25.9	7,364	49.1
AEROSPACE MEDICINE	29	27	0	0	2	6.9	0	0
ANESTHESIOLOGY	1,649	751	7	33	858	52.0	358	41.7
CHILD PSYCHIATRY	245	145	2	8	90	36.7	48	53.3
COLON & RECTAL SURG.	24	8	0	1	15	62.5	12	80.0
DERMATOLOGY	641	591	8	12	30	4.7	22	73.3
DIAGNOSTIC RADIOLOGY	598	488	4	12	94	15.7	49	52.1
FORENSIC PATHOLOGY	1	1	0	0	0	0.0	0	0
GENERAL PRACTICE	3,250	2,776	11	82	381	11.7	112	29.4
GEN. PREVENTIVE MED.	47	42	1	1	3	6.4	0	0
GENERAL SURGERY	7,995	5,266	36	187	2,506	31.3	1,437	57.3
INTERNAL MEDICINE	14,555	11,123	86	347	2,999	20.6	1,608	53.6
NEUROLOGY	979	668	12	22	277	28.3	176	63.5
NEUROLOGICAL SURG.	536	405	3	10	118	22.0	87	73.7
OBSTETRICS-GYNECOLOGY	3,663	2,499	24	130	1,010	27.6	519	51.0
OCCUPATIONAL MEDICINE	6	5	0	1	0	0.0	0	0
OPHTHALMOLOGY	1,451	1,326	8	39	78	5.4	44	56.4
ORTHOPEDIC SURGERY	1,992	1,753	9	43	187	9.4	112	59.9
OTORHINOLARYNGOLOGY	836	679	9	24	124	14.8	71	57.3
PSYCHIATRY	3,581	2,212	10	134	1,225	34.2	430	35.1
PEDIATRICS	4,726	3,249	17	109	1,351	28.6	649	48.0
PEDIATRIC ALLERGY	20	14	0	0	6	30.0	5	83.3
PEDIATRIC CARDIOLOGY	27	18	0	0	9	33.3	5	55.6
PUBLIC HEALTH	34	29	1	0	4	11.8	1	25.0
PHYSICAL MED. & REHAB.	277	76	1	14	186	67.1	71	38.2
PLASTIC SURGERY	331	262	5	3	61	18.4	41	67.2
PATHOLOGY	2,492	1,262	18	39	1,173	47.1	552	47.1
RADIOLOGY	1,641	1,066	9	38	528	32.2	263	49.8
THERAPEUTIC RADIOLOGY	218	110	2	4	102	46.8	40	39.2
THORACIC SURGERY	247	147	2	6	92	37.2	71	77.2
UROLOGICAL SURGERY	959	724	6	18	211	22.0	139	65.9
UNSPECIFIED	4,752	3,305	24	149	1,274	26.8	442	34.7

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 2A

DISTRIBUTION OF RESIDENTS BY CENSUS DIVISION
AND COUNTRY OF GRADUATION
1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	%FMG of Total
Total	64,294	50,044	364	2,560	10,526	16.4
New England	4,780	4,018	60	167	535	11.2
Middle Atlantic	13,650	7,941	54	1,185	4,470	32.7
East North Central	10,026	7,495	57	287	2,187	21.8
West North Central	4,523	4,087	19	32	385	8.5
South Atlantic	9,048	7,537	47	263	1,201	13.3
East South Central	2,858	2,587	8	40	223	7.8
West South Central	4,671	4,197	18	110	346	7.4
Mountain	2,293	2,175	10	24	84	3.7
Pacific	7,480	6,912	67	157	344	4.6
Possessions	416	193	2	155	66	15.9
Not Available	4,549	3,702	22	140	685	15.1

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 28

DISTRIBUTION OF RESIDENTS BY CENSUS DIVISION
AND COUNTRY OF GRADUATION
1978

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	%FMG of Total
TOTAL	60,610	48,460	209	1,969	9,972	16.5
NEW ENGLAND	4,668	3,969	37	143	519	11.1
MIDDLE ATLANTIC	13,361	8,211	26	964	4,160	31.1
EAST NORTH CENTRAL	10,485	7,757	33	237	2,458	23.4
WEST NORTH CENTRAL	4,514	4,039	17	29	429	9.5
SOUTH ATLANTIC	9,210	7,699	28	202	1,281	13.9
EAST SOUTH CENTRAL	2,771	2,487	2	21	261	9.4
WEST SOUTH CENTRAL	4,599	4,165	5	69	360	7.8
MOUNTAIN	2,119	2,021	8	22	68	3.2
PACIFIC	8,306	7,781	53	145	327	3.9
POSSESSIONS	366	181	0	122	63	17.2
NOT AVAILABLE	211	150	0	15	46	21.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 2C

DISTRIBUTION OF RESIDENTS BY CENSUS DIVISION
AND COUNTRY OF GRADUATION
1977

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total
TOTAL	62,505	49,119	240	1,752	11,394	18.2
NEW ENGLAND	3,578	2,954	28	95	501	14.0
MIDDLE ATLANTIC	11,190	6,776	37	654	3,723	33.3
EAST NORTH CENTRAL	8,147	5,964	24	127	2,032	24.9
WEST NORTH CENTRAL	3,561	3,184	19	18	340	9.5
SOUTH ATLANTIC	7,319	6,038	32	131	1,118	15.3
EAST SOUTH CENTRAL	1,987	1,806	3	14	164	8.3
WEST SOUTH CENTRAL	3,162	2,797	5	39	321	10.2
MOUNTAIN	1,634	1,562	6	9	57	3.5
PACIFIC	6,326	6,028	49	60	189	3.0
POSSESSIONS	265	121	0	91	53	20.0
NOT AVAILABLE	15,336	11,889	37	514	2,896	18.9

Source: Center for Health Services Research and Development,
American Medical Association, Chicago, 1980.

Table 20

DISTRIBUTION OF RESIDENTS BY CENSUS DIVISION AND
AND COUNTRY OF GRADUATION
1976

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total
TOTAL	63,046	46,043	369	1,783	14,851	23.6
NEW ENGLAND	4,805	3,647	58	132	968	20.1
MIDDLE ATLANTIC	15,223	7,940	63	934	6,286	41.3
EAST NORTH CENTRAL	10,902	6,996	40	195	3,671	33.7
WEST NORTH CENTRAL	4,402	3,723	43	25	611	13.9
SOUTH ATLANTIC	9,105	7,172	42	156	1,735	19.1
EAST SOUTH CENTRAL	2,494	2,152	4	18	320	12.8
WEST SOUTH CENTRAL	4,173	3,566	13	50	544	13.0
MOUNTAIN	1,983	1,848	12	14	109	5.5
PACIFIC	7,936	7,449	90	79	318	4.0
POSSESSIONS	502	275	0	146	81	16.1
NOT AVAILABLE	1,521	1,275	4	34	208	13.7

Source: Center for Health Services Research and Development
American Medical Association, Chicago, 1980.

Table 2E

DISTRIBUTION OF RESIDENTS BY CENSUS DIVISION
AND COUNTRY OF GRADUATION
1975

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total
TOTAL	57,802	41,027	315	1,466	14,994	25.9
NEW ENGLAND	4,222	3,138	39	98	947	22.4
MIDDLE ATLANTIC	14,897	7,468	69	776	6,584	44.2
EAST NORTH CENTRAL	10,305	6,234	37	192	3,842	37.3
WEST NORTH CENTRAL	4,028	3,341	40	13	634	15.7
SOUTH ATLANTIC	8,096	6,340	21	108	1,627	20.1
EAST SOUTH CENTRAL	2,327	2,017	4	13	293	12.6
WEST SOUTH CENTRAL	3,877	3,322	7	51	497	12.8
MOUNTAIN	1,806	1,696	7	11	92	5.1
PACIFIC	7,544	7,092	89	69	294	3.9
POSSESSIONS	447	253	0	112	82	18.3
NOT AVAILABLE	253	126	2	23	102	40.3

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 3A
DISTRIBUTION OF RESIDENTS BY STATE
AND COUNTRY OF GRADUATION/VISA STATUS

1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. - Foreign Medical Graduates	Foreign Medical Graduates	%FMGs of Total	FMGs with J Visa	%FMGs with J Visa
Total	64,294	50,844	364	2,560	10,526	16.4	1,962	18.6
Alabama	700	639	3	11	47	6.7	8	17.0
Arizona	693	641	4	7	41	5.9	7	17.1
Arkansas	322	312	0	1	9	2.8	2	22.2
California	5,782	5,289	54	140	299	5.2	52	17.4
Canal Zone	31	12	2	6	11	35.5	0	0.0
Colorado	942	897	4	11	30	3.2	9	30.0
Connecticut	1,251	956	1	87	207	16.5	41	19.8
Delaware	115	76	0	4	35	30.4	5	14.3
Dist. of Col.	1,230	1,006	2	27	195	15.9	46	23.6
Florida	1,655	1,307	12	119	217	13.1	60	27.6
Georgia	1,069	987	3	14	65	6.1	17	26.2
Hawaii	342	318	1	7	16	4.7	5	31.3
Idaho	16	16	0	0	0	0.0	0	0.0
Illinois	2,945	1,983	1	111	850	28.9	110	12.9
Indiana	849	814	3	6	26	3.1	3	11.5
Iowa	600	549	1	3	47	7.8	12	25.5
Kansas	556	487	2	7	60	10.8	13	21.7
Kentucky	674	597	1	4	72	10.7	10	13.9
Louisiana	563	475	5	21	62	11.0	7	11.3
Maine	120	115	1	3	1	0.8	0	0.0
Maryland	1,806	1,271	14	64	457	25.3	106	23.2
Massachusetts	2,767	2,370	49	55	293	10.6	86	29.4
Michigan	2,824	2,027	22	70	705	25.0	142	20.1
Minnesota	1,644	1,556	15	3	70	4.3	26	37.1
Mississippi	323	304	1	6	12	3.7	5	41.7
Missouri	1,210	1,024	1	15	170	14.0	34	20.0
Nebraska	390	359	0	1	30	7.7	3	10.0
New Hampshire	164	159	4	0	1	0.6	1	100.0
New Jersey	1,408	374	4	263	767	54.5	96	12.5
New Mexico	233	222	1	1	9	3.9	4	44.4
New York	8,593	4,730	33	792	3,038	35.4	555	18.3
North Carolina	1,017	961	7	6	43	4.2	13	30.2
North Dakota	62	57	0	0	5	8.1	0	0.0
Ohio	2,346	1,709	26	89	522	22.3	90	17.2
Oklahoma	531	479	1	9	42	7.9	4	9.5
Oregon	507	484	5	5	13	2.6	4	30.8
Pennsylvania	3,649	2,837	17	130	665	18.2	132	19.8
Puerto Rico	385	181	0	149	55	14.3	3	5.5
Rhode Island	309	263	0	20	26	8.4	3	11.5
South Carolina	642	601	5	4	32	5.0	10	31.3
South Dakota	61	55	0	3	3	4.9	0	0.0
Tennessee	1,161	1,047	3	19	92	7.9	19	20.7
Texas	3,255	2,931	12	79	233	7.2	46	19.7
Utah	397	388	1	4	4	1.0	0	0.0
Vermont	169	155	5	2	7	4.1	1	14.3
Virginia	1,206	1,079	4	14	109	9.0	17	15.6
Washington	849	821	7	5	16	1.9	3	18.8
West Virginia	308	249	0	11	48	15.6	9	18.8
Wisconsin	1,062	962	5	11	84	7.9	23	27.4
Wyoming	12	11	0	1	0	0.0	0	0.0
NOT AVAILABLE	4,549	3,702	22	140	685	15.1	120	17.5

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980

Table 3B

DISTRIBUTION OF RESIDENTS BY STATE AND COUNTRY OF GRADUATION/VISA STATUS

1978

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
TOTAL	60,610	48,460	209	1,969	9,972	16.5	2,659	26.7
ALABAMA	635	571	1	2	61	9.6	13	21.3
ARIZONA	651	605	3	13	30	4.6	9	30.0
ARKANSAS	292	281	0	1	10	3.4	5	50.0
CALIFORNIA	6,588	6,150	38	130	270	4.1	74	27.4
CANAL ZONE	37	14	0	8	15	40.5	3	20.0
COLORADO	894	862	5	7	20	2.2	3	15.0
CONNECTICUT	1,322	1,023	3	84	212	16.0	60	28.3
DELAWARE	120	71	0	4	45	37.5	11	24.4
DIST. OF COL.	1,457	1,193	4	25	235	16.1	80	34.0
FLORIDA	1,608	1,293	4	95	216	13.4	68	31.5
GEORGIA	1,047	967	3	14	63	6.0	27	42.9
HAWAII	320	292	1	9	18	5.6	9	50.0
IDAHO	15	15	0	0	0	0.0	0	0.0
ILLINOIS	2,861	1,761	5	82	1,013	35.4	191	18.9
INDIANA	771	738	0	3	30	3.9	3	10.0
IOWA	548	502	1	5	40	7.3	14	35.0
KANSAS	463	413	1	5	44	9.5	12	27.3
KENTUCKY	705	598	1	4	102	14.5	33	32.4
LOUISIANA	518	450	2	10	56	10.8	17	30.4
MAINE	126	120	2	0	4	3.2	0	0.0
MARYLAND	1,688	1,174	5	39	470	27.8	164	34.9
MASSACHUSETTS	2,602	2,261	24	45	272	10.5	91	33.5
MICHIGAN	2,575	1,891	14	53	617	24.0	189	30.6
MINNESOTA	1,720	1,625	14	2	79	4.6	33	41.8
MISSISSIPPI	296	280	0	0	16	5.4	5	31.3
MISSOURI	1,264	1,016	1	14	233	18.4	62	26.6
NEBRASKA	370	341	0	2	27	7.3	4	14.8
NEW HAMPSHIRE	146	138	6	0	2	1.4	1	50.0
NEW JERSEY	1,483	451	0	240	792	53.4	167	21.1
NEW MEXICO	203	189	0	0	14	6.9	8	57.1
NEW YORK	8,104	4,781	22	602	2,699	33.3	687	25.5
NORTH CAROLINA	1,201	1,148	6	5	42	3.5	13	31.0
NORTH DAKOTA	72	70	0	0	2	2.8	0	0.0
OHIO	3,244	2,430	11	89	714	22.0	195	27.3
OKLAHOMA	462	410	0	9	43	9.3	4	9.3
OREGON	447	424	6	2	15	3.4	8	53.3
PENNSYLVANIA	3,774	2,979	4	122	669	17.7	186	27.8
PUERTO RICO	329	167	0	114	48	14.6	6	12.5
RHODE ISLAND	291	254	0	14	23	7.9	5	21.7
SOUTH CAROLINA	583	545	1	3	34	5.8	7	20.6
SOUTH DAKOTA	77	72	0	1	4	5.2	1	25.0
TENNESSEE	1,135	1,038	0	15	82	7.2	25	30.5
TEXAS	3,327	3,024	3	49	251	7.5	66	26.3
UTAH	353	347	0	2	4	1.1	0	0.0
VERMONT	181	173	2	0	6	3.3	3	50.0
VIRGINIA	1,187	1,058	5	11	113	9.5	31	27.4
WASHINGTON	951	915	8	4	24	2.5	8	33.3
WEST VIRGINIA	319	250	0	6	63	19.7	23	36.5
WISCONSIN	1,034	937	3	10	84	8.1	29	34.5
WYOMING	3	3	0	0	0	0	0	0
NOT AVAILABLE	211	150	0	15	46	21.8	6	13.0

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 3C

DISTRIBUTION OF RESIDENTS BY STATE AND COUNTRY OF GRADUATION/VISA STATUS

1977

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
TOTAL	62,505	49,119	240	1,752	11,394	18.2	4,302	37.8
ALABAMA	444	418	1	3	22	5.0	10	45.5
ARIZONA	488	462	0	5	21	4.3	10	47.6
ARKANSAS	233	224	0	0	9	3.9	4	44.4
CALIFORNIA	5,030	4,794	36	54	146	2.9	54	37.0
CANAL ZONE	25	12	0	3	10	40.0	2	20.0
COLORADO	668	641	5	3	19	2.8	8	42.1
CONNECTICUT	934	716	1	41	176	18.8	64	36.4
DELAWARE	107	61	0	4	42	39.3	13	31.0
DIST. OF COL.	1,110	885	6	17	202	18.2	90	44.6
FLORIDA	1,264	1,013	4	59	188	14.9	92	48.9
GEORGIA	848	779	3	10	56	6.6	27	48.2
HAWAII	228	207	1	4	16	7.0	10	62.5
ILLINOIS	2,332	1,545	4	46	737	31.6	248	33.6
INDIANA	655	627	1	2	25	3.8	8	32.0
IOWA	484	438	2	2	42	8.7	23	54.8
KANSAS	339	310	0	2	27	8.0	11	40.7
KENTUCKY	540	485	1	2	52	9.6	22	42.3
LOUISIANA	554	473	2	7	72	13.0	34	47.2
MAINE	91	84	2	1	4	4.4	1	25.0
MARYLAND	1,415	963	8	29	415	29.3	199	48.0
MASSACHUSETTS	2,006	1,672	22	36	276	13.8	130	47.1
MICHIGAN	2,039	1,409	9	32	589	28.9	280	47.5
MINNESOTA	1,268	1,175	17	5	71	5.6	36	50.7
MISSISSIPPI	233	223	0	0	10	4.3	4	40.0
MISSOURI	1,091	905	0	8	178	16.3	74	41.6
NEBRASKA	321	300	0	1	20	6.2	6	30.0
NEW HAMPSHIRE	132	128	2	0	2	1.5	2	100.0
NEW JERSEY	1,015	337	0	134	544	53.6	190	34.9
NEW MEXICO	170	160	0	1	9	5.3	6	66.7
NEW YORK	7,201	4,159	29	441	2,572	35.7	955	37.1
NORTH CAROLINA	1,088	1,035	6	3	44	4.0	17	38.6
NORTH DAKOTA	19	18	0	0	1	5.3	0	0.0
OHIO	2,346	1,692	9	43	602	25.7	242	40.2
OKLAHOMA	232	181	0	2	49	21.1	14	28.6
OREGON	371	352	5	1	13	3.5	7	53.8
PENNSYLVANIA	2,974	2,280	8	79	607	20.4	268	44.2
PUERTO RICO	240	109	0	88	43	17.9	6	14.0
RHODE ISLAND	289	234	0	17	38	13.1	14	36.8
SOUTH CAROLINA	375	352	1	0	22	5.9	6	27.3
SOUTH DAKOTA	39	38	0	0	1	2.6	1	100.0
TENNESSEE	770	680	1	9	80	10.4	32	40.0
TEXAS	2,143	1,919	3	30	191	8.9	72	37.7
UTAH	308	299	1	0	8	2.6	4	50.0
VERMONT	126	120	1	0	5	4.0	4	80.0
VIRGINIA	862	773	4	4	81	9.4	34	42.0
WASHINGTON	697	675	7	1	14	2.0	7	50.0
WEST VIRGINIA	250	177	0	5	68	27.2	30	44.1
WISCONSIN	775	691	1	4	79	10.2	39	49.4
NOT AVAILABLE	15,336	11,889	37	514	2,896	18.9	892	30.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 30

DISTRIBUTION OF RESIDENTS BY STATE AND COUNTRY OF GRADUATION/VISA STATUS
1976

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
TOTAL	63,046	46,043	369	1,783	14,851	23.6	6,433	43.3
ALABAMA	503	459	1	4	39	7.8	20	51.3
ARIZONA	499	456	1	8	34	6.8	23	67.6
ARKANSAS	273	251	0	0	22	8.1	11	50.0
CALIFORNIA	6,371	5,988	72	68	243	3.8	98	40.3
CANAL ZONE	38	22	0	4	12	31.6	2	16.7
COLORADO	883	829	8	2	44	5.0	24	54.5
CONNECTICUT	1,244	844	1	63	336	27.0	140	41.7
DELAWARE	127	67	0	3	57	44.9	28	49.1
DIST. OF COL.	1,487	1,158	6	23	300	20.2	138	46.0
FLORIDA	1,552	1,182	9	68	293	18.9	137	46.8
GEORGIA	979	871	6	9	93	9.5	43	46.2
HAWAII	267	234	2	6	25	9.4	16	64.0
IDAHO	0	0	0	0	0	0	0	0
ILLINOIS	3,366	1,906	8	67	1,385	41.1	564	40.7
INDIANA	660	613	1	4	42	6.4	16	38.1
IOWA	560	483	4	2	71	12.7	38	53.5
KANSAS	378	327	1	4	46	12.2	21	45.7
KENTUCKY	672	545	1	3	123	18.3	51	41.5
LOUISIANA	597	499	5	8	85	14.2	44	51.8
MAINE	92	81	5	1	5	5.4	1	20.0
MARYLAND	1,774	1,099	9	35	631	35.6	310	49.1
MASSACHUSETTS	2,788	2,138	47	51	552	19.8	279	50.5
MICHIGAN	2,807	1,683	18	55	1,051	37.4	533	50.7
MINNESOTA	1,553	1,396	35	6	116	7.5	61	52.6
MISSISSIPPI	307	292	0	0	15	4.9	7	46.7
MISSOURI	1,479	1,124	3	9	343	23.2	154	44.9
NEBRASKA	375	339	0	4	32	8.5	12	37.5
NEW HAMPSHIRE	164	157	3	0	4	2.4	3	75.0
NEW JERSEY	1,471	329	3	192	947	64.4	365	38.5
NEW MEXICO	213	194	1	3	15	7.0	11	73.3
NEW YORK	9,851	4,855	46	648	4,302	43.7	1,750	40.7
NORTH CAROLINA	1,329	1,240	7	6	76	5.7	31	40.8
NORTH DAKOTA	17	16	0	0	1	5.9	0	0
OHIO	3,141	2,020	12	65	1,044	33.2	438	42.0
OKLAHOMA	428	348	0	2	78	18.2	23	29.5
OREGON	504	462	7	3	32	6.3	16	50.0
PENNSYLVANIA	3,901	2,756	14	94	1,037	26.6	503	48.5
PUERTO RICO	464	253	0	142	69	14.9	11	15.9
RHODE ISLAND	362	282	0	17	63	17.4	30	47.6
SOUTH CAROLINA	437	405	1	0	31	7.1	14	45.2
SOUTH DAKOTA	40	38	0	0	2	5.0	2	100.0
TENNESSEE	1,012	856	2	11	143	14.1	68	47.6
TEXAS	2,875	2,468	8	40	359	12.5	171	47.6
UTAH	388	369	2	1	16	4.1	5	31.3
VERMONT	155	145	2	0	8	5.2	7	87.5
VIRGINIA	1,127	972	4	6	145	12.9	56	38.6
WASHINGTON	794	765	9	2	18	2.3	9	50.0
WEST VIRGINIA	293	178	0	6	109	37.2	52	47.7
WISCONSIN	928	774	1	4	149	16.1	75	50.3
NOT AVAILABLE	1,521	1,275	4	34	208	13.7	62	29.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980

Table 3E
DISTRIBUTION OF RESIDENTS BY STATE
AND COUNTRY OF GRADUATION/VISA STATUS
1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
TOTAL	57,802	41,027	315	1,466	14,994	25.9	7,364	49.1
ALABAMA	471	433	1	2	35	7.4	19	54.3
ARIZONA	531	479	1	9	42	7.9	27	64.3
ARKANSAS	234	216	0	0	18	7.7	9	50.0
CALIFORNIA	6,102	5,756	73	59	214	3.5	95	44.4
CANAL ZONE	40	26	0	2	12	30.0	3	25.0
COLORADO	767	736	3	2	26	3.4	12	46.2
CONNECTICUT	1,147	713	0	44	390	34.0	207	53.1
DELAWARE	114	68	0	2	44	38.6	25	56.8
DIST. OF COL.	1,355	1,082	1	16	256	18.9	141	55.1
FLORIDA	1,324	1,027	3	40	254	19.2	122	48.0
GEORGIA	902	815	6	3	79	8.6	33	42.3
HAWAII	255	209	5	6	35	13.7	16	45.7
IDAHO	0	0	0	0	0	0.0	0	0.0
ILLINOIS	3,259	1,703	4	68	1,484	45.5	640	43.1
INDIANA	580	523	1	10	46	7.9	18	39.1
IOWA	545	469	1	1	74	13.6	48	64.9
KANSAS	445	386	0	2	57	12.8	29	50.9
KENTUCKY	590	490	0	3	97	16.4	39	40.2
LOUISIANA	686	559	4	11	112	16.3	64	57.1
MAINE	76	72	2	0	2	2.6	1	50.0
MARYLAND	1,529	866	6	25	632	41.3	339	53.6
MASSACHUSETTS	2,422	1,868	34	37	483	19.9	262	54.2
MICHIGAN	2,666	1,510	20	58	1,078	40.4	590	54.7
MINNESOTA	1,352	1,191	30	5	126	9.3	59	46.8
MISSISSIPPI	293	272	0	0	21	7.2	12	57.1
MISSOURI	1,291	952	7	5	327	25.3	175	53.5
NEBRASKA	342	297	0	0	45	13.2	22	48.9
NEW HAMPSHIRE	141	134	2	2	3	2.1	2	66.7
NEW JERSEY	1,416	303	3	145	965	68.1	451	46.7
NEW MEXICO	170	162	0	0	8	4.7	4	50.0
NEW YORK	9,822	4,633	52	552	4,585	46.7	2,167	47.3
NORTH CAROLINA	1,084	1,010	3	8	63	5.8	24	38.1
NORTH DAKOTA	18	13	2	0	3	16.7	1	33.3
OHIO	2,961	1,803	11	52	1,095	37.0	529	48.3
OKLAHOMA	375	309	0	1	65	17.3	22	33.8
OREGON	451	422	3	3	23	5.1	12	52.2
PENNSYLVANIA	3,659	2,532	14	79	1,034	28.3	567	54.8
PUERTO RICO	407	227	0	110	70	17.2	12	17.1
RHODE ISLAND	290	212	0	15	63	21.7	27	42.9
SOUTH CAROLINA	438	405	0	3	30	6.8	21	70.0
SOUTH DAKOTA	35	33	0	0	2	5.7	1	50.0
TENNESSEE	973	822	3	8	140	14.4	83	59.3
TEXAS	2,582	2,238	3	39	302	11.7	160	53.0
UTAH	338	319	3	0	16	4.7	6	37.5
VERMONT	146	139	1	0	6	4.1	6	100.0
VIRGINIA	1,085	908	2	7	168	15.5	77	45.8
WASHINGTON	736	705	8	1	22	3.0	7	31.8
WEST VIRGINIA	265	159	0	4	102	38.5	56	54.9
WISCONSIN	839	695	1	4	139	16.6	76	54.7
NOT AVAILABLE	253	126	2	23	102	40.3	46	45.1

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 4A

DISTRIBUTION OF RESIDENTS BY MAJOR METROPOLITAN AREAS AND COUNTRY OF GRADUATION/VISA STATUS

1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	64,294	50,844	364	2,560	10,526	16.4	1,962	18.6
Baltimore	1,551	1,068	13	55	415	26.8	98	23.6
Boston	2,301	2,016	44	30	211	9.2	65	30.8
Chicago	2,671	1,746	1	99	825	30.9	106	12.8
Cleveland	727	476	13	29	209	28.7	40	19.1
Denver	901	856	4	11	30	3.3	9	30.0
Detroit	1,655	966	16	53	620	37.5	124	20.0
Houston	782	697	5	12	68	8.7	13	19.1
Los Angeles	2,764	2,476	28	75	185	6.7	27	14.6
Minneapolis-St.Paul	1,017	977	6	3	31	3.0	8	25.8
Newark	709	227	4	141	337	47.5	61	18.1
New York City	6,103	3,026	21	576	2,480	40.6	432	17.4
Philadelphia	2,183	1,724	11	78	370	16.9	77	20.8
Pittsburgh	713	508	3	30	172	24.1	32	18.6
St. Louis	758	619	1	11	127	16.8	23	18.1
San Francisco	969	922	5	17	25	2.6	4	16.0
Washington, D.C.	1,489	1,211	3	33	242	16.3	53	21.9
All Other Areas	35,142	29,898	177	1,103	3,964	11.3	765	19.3
Not Available	1,859	1,431	9	204	215	11.6	25	11.6

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 4B

DISTRIBUTION OF RESIDENTS BY MAJOR METROPOLITAN AREAS AND COUNTRY OF GRADUATION/VISA STATUS

1978

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	60,610	48,460	209	1,969	9,972	16.5	2,659	26.7
Baltimore	1,422	978	4	31	409	28.8	147	35.9
Boston	2,165	1,935	23	22	185	8.5	63	34.1
Chicago	2,629	1,558	5	72	994	37.8	186	18.7
Cleveland	1,179	836	7	43	293	24.9	78	26.6
Denver	860	828	5	7	20	2.3	3	15.0
Detroit	1,488	895	10	41	542	36.4	162	29.9
Houston	1,112	976	2	21	113	10.2	37	32.7
Los Angeles	2,716	2,488	16	52	160	5.9	41	25.6
Minneapolis-St. Paul	1,117	1,064	5	2	46	4.1	15	32.6
Newark	807	292	0	150	365	45.2	104	28.5
New York City	5,806	3,115	13	441	2,237	38.5	551	24.6
Philadelphia	2,185	1,733	2	65	385	17.6	106	27.5
Pittsburg	853	644	1	34	174	20.4	50	28.7
St. Louis	899	702	1	10	186	20.7	52	28.0
San Francisco	1,454	1,405	9	15	25	1.7	4	16.0
Washington, D.C.	1,738	1,400	5	33	300	17.3	98	32.7
All Other Areas	31,969	27,461	101	915	3,492	10.9	956	27.4
Not Classified	211	150	0	15	46	21.8	6	13.0

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 4C

DISTRIBUTION OF RESIDENTS BY MAJOR METROPOLITAN AREAS AND COUNTRY OF GRADUATION/VISA STATUS
1977

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	62,505	49,119	240	1,752	11,394	18.2	4,302	37.8
Baltimore	1,238	822	8	25	383	30.9	194	50.7
Boston	1,708	1,486	21	22	179	10.5	89	49.7
Chicago	2,159	1,393	4	41	721	33.4	242	33.6
Cleveland	828	551	5	16	256	30.9	112	43.8
Denver	654	627	5	3	19	2.9	8	42.1
Detroit	1,203	649	6	24	524	43.6	250	47.7
Houston	621	523	2	10	86	13.8	35	40.7
Los Angeles	2,160	2,033	19	27	81	3.8	28	34.6
Minn. - St. Paul	796	752	5	3	36	4.5	20	55.6
Newark	565	234	0	91	240	42.5	105	43.8
New York City	5,277	2,731	22	329	2,195	41.6	779	35.5
Philadelphia	1,747	1,324	5	44	374	21.4	165	44.1
Pittsburg	727	543	3	25	156	21.5	68	43.6
St. Louis	709	561	0	4	144	20.3	63	43.8
San Francisco	1,054	1,021	7	3	23	2.2	7	30.4
Washington,D.C.	1,302	1,038	6	22	236	18.1	97	41.1
All Other Areas	24,421	20,942	85	549	2,845	11.6	1,148	40.4
Not Available	15,336	11,889	37	514	2,896	18.9	892	30.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 40

DISTRIBUTION OF RESIDENTS BY MAJOR METROPOLITAN AREAS
AND COUNTRY OF GRADUATION/VISA STATUS
1976

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	63,046	46,043	369	1,783	14,851	23.6	6,433	43.3
Baltimore	1,540	919	9	28	584	37.9	298	51.0
Boston	2,394	1,919	46	32	397	16.6	217	54.7
Chicago	3,168	1,734	8	63	1,363	43.0	514	37.7
Cleveland	1,148	670	7	22	449	39.1	198	44.1
Denver	867	813	8	2	44	5.1	24	54.5
Detroit	1,715	745	11	38	921	53.7	467	50.7
Houston	847	654	7	9	177	20.9	100	56.5
Los Angeles	2,545	2,342	40	34	129	5.1	52	40.3
Minn. - St. Paul	974	909	7	3	55	5.6	30	54.5
Newark	822	226	2	135	459	55.8	215	46.8
New York City	7,366	3,203	31	485	3,647	49.5	1,438	39.4
Philadelphia	2,354	1,669	9	56	620	26.3	297	47.9
Pittsburg	901	590	4	24	283	31.4	144	50.9
St. Louis	1,021	730	2	6	283	27.7	133	47.0
San Francisco	1,515	1,454	12	7	42	2.8	18	42.9
Washington,D.C.	1,747	1,357	6	32	352	20.1	151	42.9
All Other Areas	29,930	24,373	148	649	4,760	15.9	2,035	42.8
Not Available	2,192	1,736	12	158	286	13.0	102	35.7

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 4E

DISTRIBUTION OF RESIDENTS BY MAJOR METROPOLITAN AREAS AND COUNTRY OF GRADUATION/VISA STATUS
1975

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMG with J Visa	% FMGs with J Visa
Total	57,802	41,027	315	1,466	14,994	25.9	7,364	49.1
Baltimore	1,352	770	6	22	554	41.0	311	56.1
Boston	2,083	1,698	33	26	326	15.7	182	55.8
Chicago	3,123	1,588	4	67	1,464	46.9	628	42.9
Cleveland	1,162	660	7	22	473	40.7	241	51.0
Denver	752	721	3	2	26	3.5	12	46.2
Detroit	1,656	629	15	41	971	58.6	535	55.1
Houston	676	527	2	11	136	20.1	80	58 8
Los Angeles	2,554	2,360	39	29	126	4.9	59	46.8
Minn. - St. Paul	834	765	7	3	59	7.1	36	61.0
Newark	797	205	2	101	489	61.4	246	50.3
New York City	7,363	3,091	33	404	3,835	52.1	1,785	46.5
Philadelphia	2,257	1,574	9	56	618	27.4	343	55.5
Pittsburg	813	532	4	17	260	32.0	139	53.5
St. Louis	898	622	5	5	266	29.6	149	56.0
San Francisco	1,446	1,403	11	10	22	1.5	7	31.8
Washington,D.C.	1,560	1,200	1	20	339	21.7	170	50.1
All Other Areas	26,472	21,113	121	508	4,730	17.9	2,328	49.2
Not Available	2,004	1,569	13	122	300	15.0	113	37.7

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 5A

DISTRIBUTION OF RESIDENTS BY HOSPITAL CONTROL
AND COUNTRY OF GRADUATION/VISA STATUS
1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduate	%FMG of Total	FMGs with J Visa	%FMGs with JVisa
Total	64,294	50,844	364	2,560	10,526	16.4	1,962	18.6
State	12,497	10,824	59	289	1,325	10.6	264	19.9
County	3,285	2,691	31	103	460	14.0	64	13.9
City	2,000	1,147	13	171	669	33.5	147	22.0
City-County	105	100	2	0	3	2.9	0	0.0
Hosp. Dist.	2,699	2,200	10	150	339	12.6	72	21.2
Church NFP	5.267	3,496	22	285	1,464	27.8	212	14.5
Other NFP	26,558	20,373	165	1,216	4,804	18.1	943	19.6
Corp. (Investor Owned)	122	83	1	14	24	19.7	5	20.8
Air Force	448	439	0	3	6	1.3	0	0.0
Army	1,047	1,000	2	26	19	1.8	5	26.3
Navy	767	729	2	12	24	3.1	9	37.5
Pub. Health Serv.	141	113	0	6	22	15.6	4	18.2
Vet. Admin.	1,322	1.078	10	53	181	13.7	30	16.6
Other Fed.	78	43	2	8	25	32.1	1	4.0
Indian Serv.	0	0	0	0	0	0.0	0	0.0
Other Control	3,409	2,826	23	84	476	14.0	86	18.1
Not Available	4,549	3.702	22	140	685	15.1	120	17.5

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 58

DISTRIBUTION OF RESIDENTS BY HOSPITAL CONTROL
AND COUNTRY OF GRADUATION/VISA STATUS
1978

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	60,610	48,460	209	1,969	9,972	16.5	2,659	26.7
State	13,097	11,254	36	257	1,550	11.8	418	27.0
County	3,448	2,841	19	94	494	14.3	122	24.7
City	2,231	1,293	8	162	768	34.4	189	24.6
City-County	643	547	3	6	87	13.5	24	27.6
Hosp. Dist.	2,975	2,527	9	115	324	10.9	90	27.8
Church NFP	5,578	3,962	19	239	1,358	24.3	338	24.9
Other NFP	26,377	20,664	101	948	4,664	17.7	1,302	27.9
Corp. FP	44	32	0	2	10	22.7	3	30.0
Air Force	458	453	0	1	4	0.9	0	0.0
Army	878	848	0	15	15	1.7	5	33.3
Navy	739	713	4	11	11	1.5	1	9.1
Pub. Health Serv.	155	122	0	10	23	14.8	3	13.0
Vet. Admin.	1,264	1,020	4	32	208	16.5	49	23.6
Other Fed.	79	42	0	10	27	34.2	6	22.2
Indian Serv.	0	0	0	0	0	0.0	0	0.0
Other Control	2,433	1,992	6	52	383	15.7	103	26.9
Not Available	211	150	0	15	46	21.8	6	13.0

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 5C

DISTRIBUTION OF RESIDENTS BY HOSPITAL CONTROL
AND COUNTRY OF GRADUATION/VISA STATUS

1977

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	62,505	49,119	240	1,752	11,394	18.2	4,302	37.8
State	10,269	8,890	45	121	1,213	11.8	447	36.9
County	2,751	2,329	12	59	351	12.8	139	39.6
City	2,062	1,163	8	138	753	36.5	270	35.9
City-County	594	502	0	2	90	15.2	34	37.8
Hosp. Dist.	2,243	1,879	8	83	273	12.2	120	44.0
Church NFP	4,501	3,109	20	148	1,224	27.2	473	38.6
Other NFP	21,174	16,279	98	634	4,163	19.7	1,733	41.6
Corp. FP	25	20	0	0	5	20.0	1	20.0
Air Force	251	251	0	0	0	0.0	0	0.0
Army	635	628	0	2	5	0.8	1	20.0
Navy	471	457	2	7	5	1.1	0	0.0
Pub. Health Serv.	107	92	0	4	11	10.3	3	27.3
Vet. Admin.	805	556	6	23	220	27.3	90	40.9
Other Fed.	53	34	0	3	16	30.2	3	18.8
Indian Serv.	1	1	0	0	0	0.0	0	0.0
Other	1,227	1,040	4	14	169	13.8	96	56.8
Not Available	15,336	11,889	37	514	2,896	18.9	892	30.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 50

DISTRIBUTION OF RESIDENTS BY HOSPITAL CONTROL
AND COUNTRY OF GRADUATION/VISA STATUS

1976

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduate	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	63,046	46,043	369	1,783	14,851	23.6	6,433	43.3
State	13,030	10,754	78	184	2,014	15.5	798	39.6
County	3,277	2,560	26	73	618	18.9	285	46.1
City	2,852	1,421	18	185	1,228	43.1	515	41.9
City-County	784	631	0	5	148	18.9	61	41.2
Hosp. Dist.	2,941	2,381	12	105	443	15.1	199	44.9
Church NFP	5,932	3,559	41	213	2,119	35.7	867	40.9
Other NFP	27,599	19,283	171	893	7,252	26.3	3,252	44.8
Corp. FP	55	34	0	1	20	36.4	5	25.0
Air Force	327	326	0	0	1	0.3	0	0
Army	801	793	1	4	3	0.4	0	0
Navy	734	714	3	9	8	1.1	0	0
Pub. Health Serv.	143	111	0	12	20	14.0	5	25.0
Vet. Admin.	1,203	783	8	37	375	31.2	158	42.1
Other Fed.	88	66	0	4	18	20.5	3	16.7
Indian Serv.	0	0	0	0	0	0.0	0	0.0
Other	1,759	1,352	7	24	376	21.4	223	59.3
Not Available	1,521	1,275	4	34	208	13.7	62	29.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 5E

DISTRIBUTION OF RESIDENTS BY HOSPITAL CONTROL
AND COUNTRY OF GRADUATION/VISA STATUS

1975

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduate	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	57,802	41,027	315	1,466	14,994	25.9	7,364	49.1
State	11,733	9,620	52	178	1,883	16.0	842	44.7
County	3,410	2,602	21	58	729	21.4	357	49.0
City	2,752	1,326	25	144	1,257	45.7	620	49.3
City-County	668	566	0	6	96	14.4	38	39.6
Hosp. Dist.	2,569	2,148	8	52	361	14.1	189	52.4
Church NFP	5,625	3,240	32	151	2,202	39.1	1,039	47.2
Other NFP	25,785	17,436	155	767	7,427	28.8	3,734	50.3
Corp. FP	71	32	0	1	38	53.5	16	42.1
Air Force	371	370	0	1	0	0	0	0
Army	782	772	0	6	4	0.5	1	25.0
Navy	668	653	2	5	8	1.2	0	0
Pub. Health Serv.	140	98	0	13	29	20.7	10	34.5
Vet. Admin.	1,279	763	11	34	471	36.8	254	53.9
Other Fed.	88	69	0	3	16	18.2	4	25.0
Indian Serv.	1	1	0	0	0	0	0	0
Other	1,607	1,205	7	24	371	23.1	214	57.7
Not Available	253	126	2	23	102	40.3	46	45.1

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 6A

DISTRIBUTION OF RESIDENTS BY HOSPITAL SERVICE

AND COUNTRY OF GRADUATION/VISA STATUS

1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	64,294	50,844	364	2,560	10,526	16.4	1,962	18.6
General Hospital	56,595	44,727	324	2,308	9,236	16.3	1,746	18.9
Psychiatric Hospital	1,007	600	3	54	350	34.8	34	9.7
Specialty Hospital	1,162	970	7	27	158	13.6	39	24.7
Children's Hospital	853	748	8	17	80	9.4	23	28.8
Other Service	128	97	0	14	17	13.3	0	0.0
Not Available	4,549	3,702	22	140	685	15.1	120	17.5

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 68

DISTRIBUTION OF RESIDENTS BY HOSPITAL SERVICE
AND COUNTRY OF GRADUATION/VISA STATUS
1978

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGS with J Visa	% FMGs with J Visa
Total	60,610	48,460	209	1,969	9,972	16.5	2,659	26.7
General Hospital	57,177	45,887	193	1,847	9,250	16.2	2,492	26.9
Psychiatric Hospital	1,064	599	7	54	404	38.0	60	14.9
Specialty Hospital	1,340	1,116	7	28	189	14.1	71	37.6
Children's Hospital	693	607	2	15	69	10.0	26	37.7
Other Service	125	101	0	10	14	11.2	4	28.6
Not Available	211	150	0	15	46	21.8	6	13.0

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 6C

DISTRIBUTION OF RESIDENTS BY HOSPITAL SERVICE
AND COUNTRY OF GRADUATION/VISA STATUS
1977

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U S. Foreign Medical Graduates	Foreign Medical Graduate	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	62,505	49,119	240	1,752	11,394	18.2	4,302	37.8
General Hospital	44,560	35,320	184	1,182	7,874	17.7	3,212	40.8
Psychiatric Hospital	840	449	6	26	359	42.7	72	20.1
Specialty Hospital	1,029	819	7	20	183	17.8	88	48.1
Children's Hospital	665	585	6	6	68	10.2	30	44.1
Other Service	75	57	0	4	14	18.7	8	57.1
Not Available	15,336	11,889	37	514	2,896	18.9	892	30.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 6D

DISTRIBUTION OF RESIDENTS BY HOSPITAL SERVICE
AND COUNTRY OF GRADUATION/VISA STATUS
1976

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduate	Foreign Medical Graduate	% FMG of Total	FMGs With J Visa	% FMGs With J Visa
Total	63,046	46,043	369	1,783	14,851	23.6	6,433	43.3
General Hospital	57,645	42,217	324	1,658	13,446	23.3	5,904	43.9
Psychiatric Hospital	1,309	629	7	44	629	48.1	154	24.5
Specialty Hospital	1,478	1,093	20	27	338	22.9	188	55.6
Children's Hospital	977	747	13	13	204	20.9	114	55.9
Other Service	116	82	1	7	26	22.4	11	42.3
Not Available	1,521	1,275	4	34	208	13.7	62	29.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 6E

DISTRIBUTION OF RESIDENTS BY HOSPITAL SERVICE
AND COUNTRY OF GRADUATION/VISA STATUS
1975

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGS with J Visa	% FMGs with J Visa
Total	57,802	41,027	315	1,466	14,994	25.9	7,364	49.1
General Hospital	54,456	38,998	293	1,342	13,823	25.4	6,857	49.6
Psychiatric Hospital	1,106	405	1	49	651	58.9	207	31.8
Specialty Hospital	1,166	858	13	33	262	22.5	161	61.5
Children's Hospital	777	614	6	11	146	18.8	86	58.9
Other Service	44	26	0	8	10	22.7	7	70.0
Not Available	253	126	2	23	102	40.3	46	45.1

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 7A

DISTRIBUTION OF RESIDENTS BY NUMBER OF HOSPITAL BEDS AND COUNTRY OF GRADUATION/VISA STATUS
1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	%FMG of Total	FMGs with J Visa	%FMGs with JVisa
Total	64,294	50,844	364	2,560	10,526	16.4	1,962	18.6
0 - 49 beds	3,898	3,233	24	110	531	13.6	97	18.3
50 - 99 beds	1,322	1,102	14	37	169	12.8	38	22.5
100 - 199 beds	1,779	1,413	10	70	286	16.1	44	15.4
200 - 299 beds	3,207	2,527	18	172	490	15.3	74	15.1
300 - 399 beds	6,973	5,490	44	318	1,121	16.1	185	16.5
400 - 499 beds	8,723	6,777	48	341	1,557	17.8	273	17.5
500 - 599 beds	9,978	7,545	41	558	1,834	18.4	292	15.9
600 - 699 beds	5,712	4,475	27	210	1,000	17.5	182	18.2
≥ 700 beds	18,153	14,580	116	604	2,853	15.7	657	23.0
Not Available	4,549	3,702	22	140	685	15.1	120	17.5

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 7B

DISTRIBUTION OF RESIDENTS BY NUMBER OF HOSPITAL BEDS AND COUNTRY OF GRADUATION/VISA STATUS
1978

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	60,610	48,460	209	1,969	9,972	16.5	2,659	26.7
0-49 beds	2,831	2,339	8	61	423	14.9	119	28.1
50-99 beds	1,348	1,141	10	30	167	12.4	62	37.1
100-100 beds	1,716	1,307	10	70	329	19.2	68	20.7
200-299 beds	3,124	2,513	8	114	489	15.7	128	26.2
300-399 beds	6,785	5,502	22	236	1,025	15.1	246	24.0
400-499 beds	9,119	7,324	27	284	1,484	16.3	394	26.5
500-599 beds	9,964	7,654	32	448	1,830	18.4	421	23.0
600-699 beds	6,051	4,787	18	191	1,055	17.4	290	27.5
≥700 beds	19,461	15,743	74	520	3,124	16.1	925	29.6
Not Available	211	150	0	15	46	21.8	6	13.0

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 7C

DISTRIBUTION OF RESIDENTS BY NUMBER OF HOSPITAL BEDS
AND COUNTRY OF GRADUATION/VISA STATUS

1977

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	62,505	49,119	240	1,752	11,394	18.2	4,302	37.8
0-49 beds	1,444	1,232	5	21	186	13.4	103	55.4
50-99 beds	869	726	5	12	126	14.5	57	45.2
100-199 beds	1,105	828	7	23	247	22.4	73	29.6
200-299 beds	2,474	1,968	7	65	434	17.5	150	34.6
300-399 beds	5,458	4,350	26	145	937	17.2	362	38.6
400-499 beds	7,046	5,670	25	175	1,176	16.7	490	41.7
500-599 beds	7,649	5,876	24	283	1,466	19.2	549	37.4
600-699 beds	4,887	3,839	13	130	905	18.5	391	43.2
$\geq$ 700 beds	16,237	12,741	91	384	3,021	18.6	1,235	40.9
Not Available	15,336	11,889	37	514	2,896	18.9	892	30.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 7D

DISTRIBUTION OF RESIDENTS BY NUMBER OF HOSPITAL BEDS AND COUNTRY OF GRADUATION/VISA STATUS
1976

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduate	% FMG of Total	FMGS with J Visa	% FMGs with J Visa
Total	63,046	46,043	369	1,783	14,851	23.6	6,433	43.3
0-49 beds	2,056	1,585	9	32	430	20.9	249	57.9
50-99 beds	1,148	895	10	15	228	19.9	131	57.5
100-199 beds	1,527	1,027	13	49	438	28.7	143	32.6
200-299 beds	3,276	2,307	21	92	856	26.1	344	40.2
300-399 beds	7,662	5,518	44	229	1,871	24.4	789	42.2
400-499 beds	9,133	6,787	51	236	2,059	22.5	855	41.5
500-599 beds	9,917	7,049	42	385	2,441	24.6	1,004	41.1
600-699 beds	6,496	4,767	23	193	1,513	23.3	703	46.5
$\geq$ 700 beds	20,310	14,833	152	518	4,807	23.7	2,153	44.8
Not Available	1,521	1,275	4	34	208	13.7	62	29.8

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 7E

DISTRIBUTION OF RESIDENTS BY NUMBER OF HOSPITAL BEDS AND COUNTRY OF GRADUATION/VISA STATUS
1975

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	57,802	41,027	315	1,466	14,994	25.9	7,364	49.1
0 - 49 beds	1,790	1,342	8	22	418	23.4	242	57.9
50 - 99 beds	889	697	5	19	168	18.9	104	61.9
100 - 199 beds	1,392	894	9	44	445	32.0	192	43.1
200 - 299 beds	2,961	2,000	17	68	876	29.6	413	47.1
300 - 399 beds	7,030	4,905	42	171	1,912	27.2	907	47.4
400 - 499 beds	8,582	6,183	42	198	2,159	25.2	1,053	48.8
500 - 599 beds	9,564	6,630	38	326	2,570	26.9	1,250	48.6
600 - 699 beds	5,857	4,231	16	150	1,460	24.9	746	51.1
$\geq$ 700 beds	19,484	14,019	136	445	4,884	25.1	2,411	49.4
Not Available	253	126	2	23	102	40.3	46	45.1

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 8A

DISTRIBUTION OF RESIDENTS BY LENGTH OF STAY CLASSIFICATION

AND COUNTRY OF GRADUATION/VISA STATUS

1979

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMGs of Total	FMGs with J Visa	% FMGs with J Visa
Total	64,294	50,844	364	2,560	10,526	16.4	1,962	18.6
Short-term	54,003	42,588	301	2,242	8,872	16.4	1,692	19.1
Long-term	2,070	1,533	18	65	454	21.9	58	12.8
Not Available	8,221	6,723	45	253	1,200	14.6	211	17.6

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 88

DISTRIBUTION OF RESIDENTS BY LENGTH OF STAY CLASSIFICATION AND COUNTRY OF GRADUATION/VISA STATUS
1978

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J. Visa	% FMGs with J Visa
Total	60,610	48,460	209	1,969	9,972	16.5	2,659	26.7
Short-term	55,612	44,620	191	1,832	8,969	16.1	2,427	27.1
Long-term	2,305	1,688	11	51	555	22.0	122	22.0
Not Available	2,693	2,152	7	86	448	16.6	110	24.6

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 8C

DISTRIBUTION OF RESIDENTS BY LENGTH OF STAY CLASSIFICATION AND COUNTRY OF GRADUATION/VISA STATUS

1977

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduate	U.S. Foreign Medical Graduates	Foreign Medical Graduate	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	62,505	49,119	240	1,752	11,394	18.2	4,302	37.8
Short-term	44,278	35,030	186	1,189	7,873	17.8	3,200	40.6
Long-term	1,770	1,264	14	28	464	26.2	125	26.9
Not Available	16,457	12,825	40	535	3.057	18.6	977	32.0

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 80

DISTRIBUTION OF RESIDENTS BY LENGTH OF STAY CLASSIFICATION AND COUNTRY OF GRADUATION/VISA STATUS
1976

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	63,046	46,043	369	1,783	14,851	23.6	6,433	43.3
Short-term	57,504	41,978	340	1,670	13,516	23.5	5,923	43.8
Long-term	2,396	1,560	19	41	776	32.4	251	32.3
Not Available	1,560	1,302	4	40	214	13.7	191	89.3

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 8E

DISTRIBUTION OF RESIDENTS BY LENGTH OF STAY CLASSIFICATION AND COUNTRY OF GRADUATION/VISA STATUS
1975

	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	57,802	41,027	315	1,466	14,994	25.9	7,364	49.1
Short-term	54,101	38,720	299	1,359	13,723	25.4	6,791	49.5
Long-term	2,029	1,189	8	55	777	38.3	308	39.6
Not Available	1,672	1,118	8	52	494	29.5	265	53.6

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 9A

DISTRIBUTION OF RESIDENTS BY AGE AND COUNTRY

OF GRADUATION/VISA STATUS

1979

Age (In years)	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs With J Visa	% FMGs With J Visa
Total	64,294	50,844	364	2,560	10,526	16.4	1,962	18.6
Less than 24	700	650	20	2	28	4.0	2	7.1
25-29	38,073	34,330	202	680	2,861	7.5	401	14.0
30-34	19,416	13,233	109	1,240	4,834	24.9	1100	22.8
35-39	4,190	2,025	17	373	1,775	42.4	361	20.3
40-44	1,189	395	10	149	635	53.4	75	11.8
45-49	438	120	4	63	251	57.3	21	8.4
Greater than 50	288	91	2	53	142	49.3	2	1.4

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 9B

DISTRIBUTION OF RESIDENTS BY AGE AND COUNTRY OF GRADUATION/VISA STATUS

1978

Age (in years)	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs With Visa	% FMGs With J Visa
Total	60,610	48,460	209	1,969	9,972	16.5	2,659	26.7
Less than 24	654	627	1	3	23	3.5	2	8.7
25-29	35,696	32,114	98	506	2,978	8.3	669	22.5
30-34	18,835	13,142	82	985	4,626	24.6	1,448	31.3
35-39	3,894	1,991	15	295	1,593	40.9	443	27.8
40-44	1,104	437	8	119	540	48.9	80	14.8
45-49	411	142	5	57	207	50.4	15	7.2
Greater than 50	16	7	0	4	5	31.3	2	40.0

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 9C

DISTRIBUTION OF RESIDENTS BY AGE AND COUNTRY
OF GRADUATION/VISA STATUS
1977

Age (in years)	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S, Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs with J Visa	% FMGs with J Visa
Total	62,505	49,119	240	1,752	11,394	18.2	4,302	37.8
Less than 24	758	744	1	1	12	1.6	4	33.3
25-29	36,384	32,320	111	480	3,473	9.5	1,224	35.2
30-34	19,780	13,537	93	813	5,337	27.0	2,339	43.8
35-39	3,836	1,839	23	244	1,730	45.1	596	34.5
40-44	1,053	424	7	116	506	48.1	93	18.4
45-49	376	128	2	51	195	51.9	23	11.8
Greater than 50	318	127	3	47	141	44.3	23	16.3

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 9D

DISTRIBUTION OF RESIDENTS BY AGE AND
COUNTRY OF GRADUATION/VISA STATUS
1976

Age (in years)	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs With J Visa	% FMGs With J Visa
Total	63,046	46,043	369	1,783	14,851	23.6	6,433	43.3
Less than 24	854	731	9	5	109	12.8	32	29.4
25-29	37,065	30,895	194	579	5,397	14.6	2,347	43.5
30-34	19,583	12,368	129	760	6,326	32.3	3,090	48.8
35-39	3,782	1,472	27	233	2,050	54.2	780	38.0
40-44	1,069	346	6	114	603	56.4	125	20.7
45-49	358	125	2	45	186	52.0	24	12.9
Greater than 50	335	106	2	47	180	53.7	35	19.4

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Table 9E

DISTRIBUTION OF RESIDENTS BY AGE AND COUNTRY OF GRADUATION/VISA STATUS 1975

Age (in years)	Total Residents	U.S. Medical Graduates	Canadian Medical Graduates	U.S. Foreign Medical Graduates	Foreign Medical Graduates	% FMG of Total	FMGs With J Visa	% FMGs With J Visa
Total	57,802	41,027	315	1,466	14,994	25.9	7,364	49.1
Less than 24	732	559	13	2	158	21 6	61	38.6
25-29	34,689	28,285	179	391	5,834	16.8	3,159	54.1
30-34	17,282	10,494	102	638	6,048	35.0	3,197	52.9
35-39	3,387	1,164	10	235	1,978	58.4	729	36.9
40-44	985	303	5	100	577	58.6	140	24.3
45-49	413	126	3	56	228	55.2	37	16.2
Greater than 50	314	96	3	44	171	54.5	41	24.0

Source: Center for Health Services Research and Development, American Medical Association, Chicago, 1980.

Appendix A

LIST OF REGIONS, DIVISIONS, AND STATES

Census Region
  Census Division
    State

NORTHEAST

New England
- Connecticut
- Maine
- Massachusetts
- New Hampshire
- Rhode Island
- Vermont

Middle Atlantic
- New Jersey
- New York
- Pennsylvania

NORTH CENTRAL

East North Central
- Illinois
- Michigan
- Ohio
- Wisconsin

West North Central
- Iowa
- Kansas
- Minnesota
- Missouri
- Nebraska
- North Dakota
- South Dakota

POSSESSIONS
- Canal Zone
- Puerto Rico
- Virgin Islands
- Pacific Islands (Canton, Guam, Mariani, Marshall, Samoa)

SOUTH

South Atlantic
- Delaware
- District of Columbia
- Florida
- Georgia
- Maryland
- North Carolina
- South Carolina
- Virginia
- West Virginia

East South Central
- Alabama
- Kentucky
- Mississippi
- Tennessee

West South Central
- Arkansas
- Louisiana
- Oklahoma
- Texas

WEST

Mountain
- Arizona
- Colorado
- Montana
- Nevada
- New Mexico
- Utah
- Wyoming

Pacific
- Alaska
- California
- Hawaii
- Oregon
- Washington